

## LISTING OF CLAIMS

1-3 (canceled)

4. (currently amended) A computer-based learning system for providing an interactive lesson between the computer and a student user comprising:

user input means including at least audio input means for delivering audible user responses to said system and speech recognition means associated with said audio input means;

user interface means including at least audio output means;

program controller means for dynamically generating said interactive lesson; and

a plurality of databases for access by said program controller means in interpreting user responses input to said user input means including at least one lesson database and at least one lesson-based speech interpretation database; and

~~The system of Claim 1~~ further comprising at least one database of acoustic information for use by said speech recognition means in interpreting student responses.

5. (original) The system of Claim 4 wherein said database of acoustic information comprises acoustic information relating to speech by a specific class of students.

6-9 (canceled)

11. A computer-based learning system for providing an interactive lesson between the computer and a student user comprising:

user input means including at least audio input means for delivering audible user responses to said system and speech recognition means associated with said audio input means;

user interface means including at least audio output means;

program controller means for dynamically generating said interactive lesson; and

a plurality of databases for access by said program controller means including at least one lesson database and at least one lesson storage database for storing the interactively generated lesson;

~~The system of Claim 1~~ wherein said program controller is adapted to continually monitor student progress based on said student responses.

12. (original) The system of Claim 11 wherein said program controller is further adapted to generate student progress information based on said monitoring; and further comprising at least one storage location for storing said student progress information.

13. (original) The system of Claim 11 wherein said program controller is adapted to alter the level of interaction of the student with said lesson based upon said monitoring.

14. (original) The system of Claim 11 wherein said program controller is additionally adapted to generate at least audio output based on said monitoring.

16. (currently amended) A computer-based learning system for providing an interactive lesson between the computer and a student user comprising:

user input means including at least audio input means for delivering audible user responses to said system and speech recognition means associated with said audio input means;

user interface means including at least audio output means;

program controller means for dynamically generating said interactive lesson; and

a plurality of databases for access by said program controller means including at least one lesson database and at least one lesson storage database for storing the interactively generated lesson.

~~The system of Claim 7~~ wherein said program controller is adapted to continually monitor student progress based on said student responses.

17. (original) The system of Claim 16 wherein said program controller is further adapted to generate student progress information based on said monitoring;

and further comprising at least one storage location for storing said student progress information.

18. (original) The system of Claim 16 wherein said program controller is adapted to alter the level of interaction of the student with said lesson based upon said monitoring.

19. (original) The system of Claim 16 wherein said program controller is additionally adapted to generate at least audio output based on said monitoring.

21. (previously presented) A computer-based learning system for providing an interactive lesson between the computer and a student user comprising:

user input means including at least audio input means for delivering audible user responses to said system and speech recognition means associated with said audio input means;

user interface means including at least audio output means;

program controller means for dynamically generating said interactive lesson; and

a plurality of databases for access by said program controller means in interpreting user responses input to said user input means including at least one lesson database, a plurality of lesson-based speech interpretation databases at least comprising one database of anticipated incorrect student responses and one database comprising the set of all possible combinations of correct student responses; and at least one database of acoustic information for use by said speech recognition means in interpreting student responses.

22. (original) The system of Claim 21 further including at least one lesson storage database for storing the interactively generated lesson.

23. (original) The system of Claim 21 wherein said program controller is adapted to continually monitor student progress based on said student responses, to generate student progress information based on said monitoring; and to alter the level of interaction of the student with said lesson based upon said monitoring.

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31-32 (canceled)

33. A method for providing an interactive language lesson between a student user and a computer having at least a program controller, speech recognition means, at least one first database for storing said lesson and at least one second database for storing lesson-based speech interpretation information, user input means for providing responses from said student user, and output means for providing information relating to said lesson to said user, comprising program controller steps of:

determining an interaction level for said student user; and

dynamically generating said interactive language lesson by:

retrieving lesson information appropriate to said interaction level from said at least one first database and lesson-based speech interpretation information corresponding to said lesson information from said at least one second database;

providing lesson information to said user at said output means;

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providing lesson-based speech recognition  
information to said speech recognition means;

prompting said student user to provide responses  
at said user input means;

receiving student responses from said user input  
means;

interpreting said student responses at said speech  
recognition means; and

generating an output based upon said interpreting  
of said student responses; and

~~The method of Claim 31~~ further comprising said program  
controller continually monitoring student progress  
based on said interpreting of said student responses.

34. (original) The method of Claim 33 wherein said  
program controller is further adapted to generate  
student progress information based on said monitoring.

35. (original) The method of Claim 33 further  
comprising said program controller altering the  
prompting of said student based upon said monitoring.



36. (original) The method of Claim 33 further comprising said program controller generating at least audio output based on said monitoring.

38-39 (canceled)

44-47 (canceled)

48. (currently amended) ~~The system of Claim 47~~ A computer-based learning system for providing an interactive lesson between the computer and a student user comprising:

user input means including at least audio input means for delivering audible user responses to said system and speech recognition means associated with said audio input means;

user interface means including at least audio output means;

program controller means for dynamically generating said interactive lesson; and

a plurality of databases for access by said program controller means in interpreting user responses input to said user input means including at least one

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lesson database and at least one lesson-based speech interpretation database,

wherein said plurality of databases includes a session database for maintaining user session information; and

wherein said program controller is adapted to replay segments of a user session based on input from said session database.

49. (currently amended) ~~The system of Claim 47~~ A computer-based learning system for providing an interactive lesson between the computer and a student user comprising:

user input means including at least audio input means for delivering audible user responses to said system and speech recognition means associated with said audio input means;

user interface means including at least audio output means;

program controller means for dynamically generating said interactive lesson; and

a plurality of databases for access by said program controller means in interpreting user responses

input to said user input means including at least one lesson database and at least one lesson-based speech interpretation database,

wherein said plurality of databases includes a session database for maintaining user session information; and

wherein said program controller receives input from said session database for establishing a starting point for said interactive lesson based on said user session information.

50. (canceled)

51. (currently amended) ~~The system of Claim 1~~ A computer-based learning system for providing an interactive lesson between the computer and a student user comprising;

user input means including at least audio input means for delivering audible user responses to said system and speech recognition means associated with said audio input means;

user interface means including at least audio output means;

program controller means for dynamically generating said interactive lesson; and

a plurality of databases for access by said program controller means in interpreting user responses input to said user input means including at least one lesson database and at least one lesson-based speech interpretation database,

wherein said plurality of databases includes at least one text power set database for use by said speech recognition means for interpreting user input.

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